

**BEUSSE BROWNLEE WOLTER  
MORA & MAIRE, P.A.**

**RECEIVED**  
CENTRAL FAX CENTER  
SEP 30 2004

---

**FACSIMILE TRANSMITTAL SHEET**

---

TO:	FROM:
Fazli Erdem	James H. Beusse
Art Unit: 2826	
COMPANY	DATE
U.S. Patent Office	September 30, 2004
FAX NUMBER	TOTAL NO. OF PAGES INCLUDING COVER
703-872-9306 - Central Fax No.	
PHONE NUMBER	SENDER'S REFERENCE NUMBER
1-866-217-9197	624059-174
Re	YOUR REFERENCE NUMBER
09/967,094	

---

☒ URGENT    ☐ FOR REVIEW    ☐ PLEASE COMMENT    ☐ PLEASE REPLY    ☐ PLEASE RECYCLE

---

NOTES/COMMENTS:

ATTACHED IS A RESPONSE TO AN OFFICE ACTION. PLEASE CONFIRM RECEIPT.

THANKS.

---

390 NORTH ORANGE AVENUE, SUITE 2500, ORLANDO, FLORIDA 32801  
TELEPHONE: (407) 926-7700

---

PTO/SB/21 (09-04)

Approved for use through 07/31/2006 OMB 0651-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

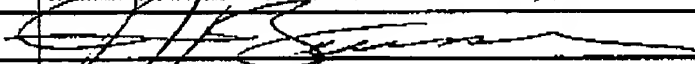
Application Number	09/967,094
Filing Date	09/28/2001
First Named Inventor	Siddhartha Bhowmik
Art Unit	2826
Examiner Name	Fazli Erdem
Attorney Docket Number	Bhomik 12-146-1/033

**ENCLOSURES (Check all that apply)**

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Position to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br><input type="checkbox"/> Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Other Enclosure(s) (please identify below): |
|--|--|--|

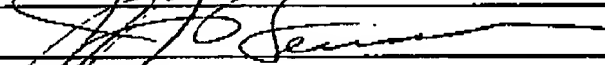
Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Beusse Brownlee Wolter Mora & Maire, P.A.		
Signature			
Printed name	James H. Beusse		
Date	September 30, 2004	Reg. No	27,115

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	James H. Beusse	Date	09/30/2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to be (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 and select option 2.

Application No. 09/967,094

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**RECEIVED  
CENTRAL FAX CENTER**

**SEP 30 2004**

**In re Application of:**

**First Named Inventor: Siddhartha Bhowmik**

**Application No.: 09/967,094**

**Filed: 09/28/2001**

**Examiner: Fazli Erdem Art Unit: 2826**

**For: Barrier Layer For Interconnect Structures  
Of A Semiconductor Wafer and Method For  
Depositing The Barrier Layer**

---

Mail Stop Amendment-Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

This paper is in response to the Office Action, dated as mailed June 30, 2004, having a response due date of September 30, 2004.

Please proceed to the following page.